

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/560,121
Source: IFW
Date Processed by STIC: 8/23/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING

DATE: 08/23/2006

PATENT APPLICATION: US/10/560,121

TIME: 11:34:40

Input Set : E:\UC SMITHRUD US 10560121 SEQLIST.TXT
 Output Set: N:\CRF4\08232006\J560121.raw

4 <110> APPLICANT: Smithrud, David
 6 <120> TITLE OF INVENTION: Compositions and Methods for Targeted
 7 Drug Delivery
 9 <130> FILE REFERENCE: 91830.0538278
 11 <140> CURRENT APPLICATION NUMBER: US 10/560,121
 12 <141> CURRENT FILING DATE: 2005-12-08
 14 <150> PRIOR APPLICATION NUMBER: PCT/US04/18301
 15 <151> PRIOR FILING DATE: 2004-09-06
 17 <150> PRIOR APPLICATION NUMBER: US 60/477,091
 18 <151> PRIOR FILING DATE: 2003-06-09
 20 <160> NUMBER OF SEQ ID NOS: 11
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 5
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 W--> 29 <220> FEATURE:
 W--> 29 <223> OTHER INFORMATION:
 W--> 29 <400> 1
 30 Lys Lys Lys Lys Asp
 31 1 5
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 6
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Artificial Sequence
 W--> 39 <220> FEATURE:
 W--> 39 <223> OTHER INFORMATION:
 W--> 39 <400> 2
 40 Val Lys Arg Lys Lys Lys
 41 1 5
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 9
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 W--> 49 <220> FEATURE:
 W--> 49 <223> OTHER INFORMATION:
 W--> 49 <400> 3
 50 Lys Lys Ala Arg Ala Val Asp Ala
 51 1 5
 54 <210> SEQ ID NO: 4
 55 <211> LENGTH: 8
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial Sequence

pp1-4

Does Not Comply
 Corrected Diskette Needed

this needs explanation

see p. 4

same error

RAW SEQUENCE LISTING

DATE: 08/23/2006

PATENT APPLICATION: US/10/560,121

TIME: 11:34:40

Input Set : E:\UC SMITHRUD US 10560121 SEQLIST.TXT

Output Set: N:\CRF4\08232006\J560121.raw

W--> 59 <220> FEATURE:
W--> 59 <223> OTHER INFORMATION:
W--> 59 <400> 4
60 Lys Ala Ala Ser Trp Val Gly Arg
61 1 5
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 7
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
W--> 69 <220> FEATURE:
W--> 69 <223> OTHER INFORMATION:
W--> 69 <400> 5
70 Lys Lys Ala Arg Cys Asn His
71 1 5
74 <210> SEQ ID NO: 6
75 <211> LENGTH: 6
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
W--> 79 <220> FEATURE:
W--> 79 <223> OTHER INFORMATION:
W--> 79 <400> 6
80 Ala Ala Val Cys Asn His
81 1 5
84 <210> SEQ ID NO: 7
85 <211> LENGTH: 7
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
W--> 89 <220> FEATURE:
W--> 89 <223> OTHER INFORMATION:
W--> 89 <400> 7
90 Ala Val Asp Ala Cys Asn His
91 1 5
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 7
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
W--> 99 <220> FEATURE:
W--> 99 <223> OTHER INFORMATION:
W--> 99 <400> 8
100 Ala Ser Ala Val Cys Asn His
101 1 5
104 <210> SEQ ID NO: 9
105 <211> LENGTH: 7
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
W--> 109 <220> FEATURE:
W--> 109 <223> OTHER INFORMATION:
W--> 109 <400> 9
110 Ala Val Trp Ala Cys Asn His

RAW SEQUENCE LISTING

DATE: 08/23/2006

PATENT APPLICATION: US/10/560,121

TIME: 11:34:40

Input Set : E:\UC SMITHRUD US 10560121 SEQLIST.TXT

Output Set: N:\CRF4\08232006\J560121.raw

```
111 1 5
114 <210> SEQ ID NO: 10
115 <211> LENGTH: 6
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
W--> 119 <220> FEATURE:
W--> 119 <223> OTHER INFORMATION:
W--> 119 <400> 10
120 Lys Lys Lys Arg Lys Val
121 1 5
124 <210> SEQ ID NO: 11
125 <211> LENGTH: 4
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
W--> 129 <220> FEATURE:
W--> 129 <223> OTHER INFORMATION:
W--> 129 <400> 11
130 Cys Val Tyr Cys
131 1
```

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 08/23/2006

PATENT APPLICATION: US/10/560,121

TIME: 11:34:41

Input Set : E:\UC SMITHRUD US 10560121 SEQLIST.TXT

Output Set: N:\CRF4\08232006\J560121.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:1,2,3,4,5,6,7,8,9,10,11

VERIFICATION SUMMARY

DATE: 08/23/2006

PATENT APPLICATION: US/10/560,121

TIME: 11:34:41

Input Set : E:\UC SMITHRUD US 10560121 SEQLIST.TXT

Output Set: N:\CRF4\08232006\J560121.raw

L:29 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>
 ORGANISM:Artificial Sequence
 L:29 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>
 ORGANISM:Artificial Sequence
 L:29 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:29
 L:39 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
 ORGANISM:Artificial Sequence
 L:39 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
 ORGANISM:Artificial Sequence
 L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:39
 L:49 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
 ORGANISM:Artificial Sequence
 L:49 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
 ORGANISM:Artificial Sequence
 L:49 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:49
 L:59 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
 ORGANISM:Artificial Sequence
 L:59 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
 ORGANISM:Artificial Sequence
 L:59 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:59
 L:69 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
 ORGANISM:Artificial Sequence
 L:69 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
 ORGANISM:Artificial Sequence
 L:69 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:69
 L:79 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
 ORGANISM:Artificial Sequence
 L:79 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
 ORGANISM:Artificial Sequence
 L:79 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:79
 L:89 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
 ORGANISM:Artificial Sequence
 L:89 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
 ORGANISM:Artificial Sequence
 L:89 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:89
 L:99 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
 ORGANISM:Artificial Sequence
 L:99 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
 ORGANISM:Artificial Sequence
 L:99 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:99
 L:109 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>
 ORGANISM:Artificial Sequence
 L:109 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>
 ORGANISM:Artificial Sequence
 L:109 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:109
 L:119 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:10, <213>
 ORGANISM:Artificial Sequence
 L:119 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:10, <213>
 ORGANISM:Artificial Sequence
 L:119 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:119
 L:129 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>
 ORGANISM:Artificial Sequence
 L:129 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>

ORGANISM:Artificial Sequence

L:129 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:129